



State of New Hampshire  
**DEPARTMENT OF ENVIRONMENTAL SERVICES**

6 Hazen Drive, P.O. Box 95, Concord, NH 03302-0095  
(603) 271-2900 FAX (603) 271-2456



September 11, 2002

**CERTIFIED MAIL  
RETURN RECEIPT REQUESTED**

**LETTER OF DEFICIENCY  
No. WMD 02-32**

Graphicast, Inc.  
36 Knight Street, P.O. Box 430  
Jaffrey, New Hampshire 03452

Attn: Mr. Val Zanchuk, President

**Re: Graphicast, Inc.  
Jaffrey, New Hampshire  
EPA ID # NHD986486934**

Dear Mr. Zanchuk:

On June 26, 2002, the Department of Environmental Services (DES) conducted an inspection of Graphicast, Inc. (Graphicast). The purpose of the inspection was to determine Graphicast's compliance status with RSA 147-A and its implementing regulations, the New Hampshire Hazardous Waste Rules (codified as Env-Wm 100-1100).

As a result of the inspection, the following deficiencies in your hazardous waste management program were documented:

**1 Env-Wm 502.01 - Hazardous Waste Determination**

At the time of the inspection, Graphicast had not performed a site-specific waste determination for waste water generated by the facility floor washing machine.

Env-Wm 502.01 requires that all generators of waste determine if their waste is a hazardous waste. Waste determined to be hazardous must be handled pursuant to the requirements of the Hazardous Waste Rules.

DES requests that Graphicast perform a hazardous waste determination for the waste water generated by the facility floor washing machine. Laboratory analysis should include, at a minimum, testing to detect the characteristic of toxicity [Toxicity Characteristic Leaching Procedure (TCLP) for RCRA metals and organics] using the method described in Env-Wm 403.06. The wastestream should be sampled at the point of generation, and results reported on an "as generated" basis. Please note that a representative sample is defined in Env-Wm 110.01(b)(107) as, "a sample of a universe or whole that can be expected to exhibit the average properties of the universe or the whole." Graphicast will need to provide the results of the hazardous waste determination, along with any other supporting data, such as MSDSs, to DES. For your convenience, enclosed is a list of laboratories that perform hazardous waste analysis.

Please be advised that waste determinations may also be demonstrated using knowledge of the hazardous waste constituents or characteristics of the waste, based on the materials or processes used to generate the waste.

2. Env-Wm 807.06(b)(7) - Standards for Generators of Used Oil Being Recycled

At the time of the inspection, Graphicast had not performed an adequate used oil determination for the "Milling Machine Oil." Specifically, the determination did not include analytical testing for flashpoint. In addition, a used oil determination was not performed for the seven (7) 5-gallon and five (5) 1-gallon containers of unknown "Oil Waste" observed outside the facility. Although Graphicast has limited knowledge of how the unknown waste was generated, a visual observation revealed an "oil-like" appearance.

Env-Wm 807.06(b)(7) requires generators to conduct an initial used oil determination by analyzing it for all of the parameters specified in Env-Wm 807.02 and Env-Wm 807.03 (exclusive of PCBs if no source of PCBs is present).

DES requests that Graphicast conduct an initial used oil determination for the unknown "Oil Waste" using parameters outlined in Env-Wm 807.02 and Env-Wm 807.03. These parameters include arsenic, cadmium, chromium, lead, flash point, and total halogens. In addition, DES requests that Graphicast perform a flashpoint analysis for the "Milling Machine Oil." Graphicast should provide the results of the used oil determinations to DES. Enclosed please find a summary of the used oil regulations and a list of analytical laboratories that perform the required testing.

3. Env-Wm 1102.07(a)- General Requirements for All Universal Waste Handlers

During the inspection, DES inspectors noted that Graphicast currently disposes of universal waste lamps at the Town of Jaffrey transfer station. However, according to a July 1, 2002, e-mail from Ms. Chris Boucher, Plant Manager, documentation exhibiting proper universal waste lamp management was unavailable from the Town of Jaffrey.

Env-Wm 1102.07(a) prohibits universal waste lamp handlers from sending or taking universal waste lamps to a place other than another universal waste handler, a destination facility, or a foreign destination.

DES requests that Graphicast manage and dispose of universal waste lamps in compliance with Env-Wm 1100 *et seq.* Enclosed please find the DES Environmental Fact Sheet #WMD-HW-7 "Universal Waste Lamps: Management Requirements for Handlers and Transporters", a DES "Fluorescent Lamp and Ballast Recycling Facility" list, as well as a DES "Vendors for Computer Recycling" list.

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DES believes the cited deficiencies can be corrected and a report describing the corrective measures taken by Graphicast can be submitted within thirty (30) days of receipt of this letter. Supporting documentation that describes the measures taken to achieve compliance should be included with the report.

In the event compliance is not achieved within this period, DES may take further action against Graphicast, including issuing an order requiring that deficiencies be corrected, initiating an administrative fine proceeding, and/or referring the matter to the New Hampshire Department of Justice for imposition of civil penalties. In addition, DES personnel may reinspect your facility at a later date to determine whether the facility has come into, and is maintaining, full compliance with the applicable rules. Fines may be pursued for any or all violations observed during subsequent inspections of the facility.

The written report as requested above should be addressed as follows:

Kenneth W. Marschner, Administrator  
DES/WMD  
6 Hazen Drive  
Concord, New Hampshire 03301-6509

Enclosed you will find a copy of the completed Hazardous Waste Generator RCRA Inspection Checklist which documents the compliance status of your facility at the time of the inspection. This checklist may also be of value to you for use in determining future compliance with the New Hampshire Hazardous Waste Rules.

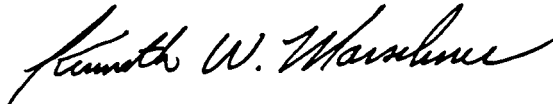
A current, full set of the State of New Hampshire Hazardous Waste Rules, as well as much other useful information, can be obtained from DES's website at <http://www.des.state.nh.us/hwcs/>, or by contacting the Public Information Center at (603) 271-2975.

It is the goal of DES to promote the prevention of pollution at the source as the preferred option for meeting established environmental quality goals. We strive to ensure that pollution prevention options are considered first, followed by recycling, treatment and disposal. I am requesting that the DES's Pollution Prevention Coordinator, Stephanie D'Agostino, contact you to discuss possibilities for waste minimization or source reduction at your facility. In the meantime, if you have immediate questions about pollution prevention, please feel free to contact her at 271-6398.

As a service to New Hampshire's hazardous waste generators, we maintain a Hazardous Waste Assistance Hotline which is available for you to contact our knowledgeable staff of hazardous waste inspectors. Our hazardous waste staff are available to answer your questions concerning the New Hampshire Hazardous Waste Rules and the compliance issues which affect your hazardous waste management program. The technical assistance available through the Hotline includes fact sheets that pertain to the management and recycling of specific wastes, summary sheets of specific sections of the Hazardous Waste Rules, copies of EPA and New Hampshire hazardous waste policy or regulatory interpretation letters that may benefit your operation, and networks with other state or federal agencies to answer your questions on a national level. The Hotline is available Monday through Friday, 8:00 AM to 4:00 PM at 271-2942.

Should you have any questions regarding this letter, please contact the lead inspector, Eric K. Abrams or John J. Duclos, Supervisor of the Hazardous Waste Compliance Section at 271-2942. Specific questions regarding water related issues may be directed to Sharon Ducharme of DES's Water Division at 271-3307, and for air related issues, please contact Pam Monroe of DES's Air Resources Division at 271-1370. Thank you for your cooperation.

Sincerely,



Kenneth W. Marschner, Administrator  
Waste Management Programs  
Waste Management Division

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cc: DB/RCRA/LOD/Archives  
Philip J. O'Brien, Ph.D., Director, WMD  
Gretchen Rule, Administrator, DES Legal Unit  
Chris Boucher, Plant Manager, Graphicast, Inc.

E-mail: JJD/SD/SD/PM

Enclosure: Inspection Checklist  
NHDES List of "Laboratories that Test Hazardous Waste"  
NHDES List of "Laboratories that Perform Used Oil Analysis"  
NHDES "Summary of the Requirements for Management of Used Oil Being Recycled"  
NHDES Environmental Fact Sheet #WMD-HW-7 "Universal Waste Lamps: Management."  
NHDES list of "Fluorescent Lamp and Ballast Recycling Facilities"  
NHDES list of "Vendors for Computer Recycling"